

105C 0164 168

Above the Horizon

20 minutes 54 seconds

Color

Purchase: \$180.00

Rental: \$5.00

An exciting exploration of weather and how man may one day learn to control it. For this film much extraordinary color footage of the sky was put together, including a demonstration of rain-making. There are views of the geysers of the sun, of the bright streamers of northern lights, of wind-stirred clouds, and even the awesome fury of a hurricane.

105C 0162 004

The Climates of North America

16 minutes 21 seconds

Color

Purchase: \$150.00

Rental: \$4.00

Shows, better than words can explain, what climate is and how it shapes the vegetation and the life of the inhabitants of North America's climatic regions. Students see the influence of prevailing winds, rainfall, temperature variations.

105C 0163 004

The Origins of Weather

12 minutes 17 seconds

Color

Purchase: \$100.00

Rental: \$4.00

Illustrates, from the vantage of off-the-earth observation, the factors that produce the climate we know. Animation illustrates the earth's dynamic heat exchange - the effect of the sun's heat, the movement of air masses - and resulting weather is then shown in actuality.

105C 0167 036

In One Day

17 minutes 31 seconds

Color

Purchase: \$180.00

Rental: \$4.00

A cool, scientific look at weather forecasting, and the drama involved. From far-flung meteorological stations and observation posts, to the weather-plotting center of the Meteorological Service of Canada with its automated mapping machines, this examination of what weather is and how it is anticipated on a world-wide scale makes absorbing viewing. Here, for a change, the weatherman is unquestionably the hero.

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twelve
color films on
Geography

publications



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twelve color films on Geography

Geography has many facets and is one of the academic subjects that has been extensively treated by National Film Board films.

Briefly described in this folder are twelve 16mm color films on geological, physical and climatic aspects of geography. They are representative of the many that NFB has available in the broad subject area of geography.

Among these films two new releases are noteworthy:

The Rise and Fall of the Great Lakes is a fast-moving journey through the glacial processes of the last Ice Age that formed the Great Lakes region. The journey is made by a bewildered canoeist who finds himself caught in each of the changes. The treatment is light but the content is very informative.

Continental Drift is a visual explanation of one current geological theory, that the earth's land masses gradually sink and rise in relation to the oceans. The film compares the geology and shapes of one continent with another.

National Film Board productions are available for purchase or rental through the Board's offices in Canada. Purchase prices, and rental rates for one day's use, are given for each film listed in this folder. For further information, write or telephone the National Film Board office nearest you.

106C 0168 093

The Rise and Fall of the Great Lakes

16 minutes 40 seconds

Color

Purchase: \$150.00

Rental: \$4.00

A lesson in Canadian geography, which concludes that though the Great Lakes have had their ups and downs nothing has been harder to take than what man has done to them lately. In the film a lone canoeist lives through the changes of recent geological history, through Ice Age and flood, only to find himself in the end trapped in a sea of scum.

106C 0168 107

Continental Drift

9 minutes 53 seconds

Color

Purchase: \$100.00

Rental: \$3.00

An exposition by film animation of the theory that our earth's land areas are fluid and that in the process of a slow, rolling, boiling motion, one part of our earth might well be engulfed and then rise again some distance away, much the same as froth on a kettle of soup. Hence the idea that our continents were formed from part of one super-continent which broke up, whose pieces sank, then rose once more, but far apart. Introducing the film is Professor J. Tuzo Wilson, geophysicist, University of Toronto.

106C 0165 045

Glaciation

11 minutes 25 seconds

Color

Purchase: \$100.00

Rental: \$4.00

Now only remnants remain of the great ice sheets that once covered North America, but the glaciers found in the Canadian Arctic and mountain regions are still one of the most unusual elements of our natural environment and an amazing repository of geological history. This color film shows the surprising life and activity of glaciers.

106C 0166 131

The Confining Past

24 minutes 32 seconds

Color

Purchase: \$220.00

Rental: \$5.00

Shows how modern equipment and methods are used to answer the riddle of the earth's beginning and what lies below-ground. Rock samples cut to one-thousandth of an inch, the spectrograph and the spectrometer, polarized light, chemical analysis - research techniques of many kinds and purposes are demonstrated in this film of geological discovery.

106C 0165 019

Riches of the Earth (revised)

16 minutes 18 seconds

Color

Purchase: \$150.00

Rental: \$4.00

Colorful animation depicts the formation, through geological ages, by fire and water, wind and ice, of the earth's crust which holds our wealth of minerals, oil, coal, arable land, and even our water power.

106C 0158 034

The Face of the High Arctic

12 minutes 48 seconds

Color

Purchase: \$100.00

Rental: \$4.00

A study of geological evolution that has gone on for millions of years. Treeless wastes bear evidence of glaciers that advanced and receded, and of life forms that changed with the climate. The film tracks the cataclysmic forces that passed over this Arctic land.

106C 0164 031

Canada: Landform Regions

15 minutes 8 seconds

Color

Purchase: \$150.00

Rental: \$4.00

A view of Canada from a helicopter. A magnificent moving panorama in which the physical features of the entire land are clearly seen: the Canadian Shield, the Lowlands, the Great Plains, and the mountain ranges of the west and east. Views at ground level illustrate where people live and what they do.

106C 0164 155

The Canadian Shield - Saguenay Region

11 minutes 25 seconds

Color

Purchase: \$100.00

Rental: \$4.00

The Saguenay area of Quebec, from a helicopter (as in *Canada: Landform Regions*). From this vantage point, size and resources (wood, water, arable land and mineral-bearing rock) are easy to see. At closer range the film shows industrial and agricultural life.